MAN-TRAP MANUAL

FULL HEIGHT CUBICLE

— QUALITY —
GUARANTEE
INDUSTRY LEADER

- With a wide variety of options, the Man-Trap is the perfect solution for controlling access to any building
- Designed and manufactured to provide a durable and aesthetic access control solution
- Exported worldwide

APPLICATIONS	• Suited for applications requiring medium volume access and high levels of security • Used extensively at entrances to banks, retail stores, colleges, office blocks and commercial buildings
DESIGNED FOR	• Interior installations • Demanding operating conditions
AVAILABLE CONFIGURATIONS	• Three sizes allowing for varying levels of security and comfort • Single and double
SECURITY RATING	• 4 out of 5 High Security

UNIQUE FEATURES OF THE MAN-TRAP FULL HEIGHT CUBICLE

- Double door security
- Designed for integration with any access control system and for various double door operating configurations

RELIABLE TECHNOLOGY

- Direct pivot design ensures true door alignment and removes the need for clumsy, noisy hinges
- Steel frame structure and door, preventing sagging and door warping unlike aluminium doors which warp with use
- Stainless steel base bearings for longevity and corrosion resistance
- Heavy-duty hydraulic door closers
- Monitored magnetic locks
- Battery backup (optional extra)
- Infrared beam, dual occupancy presence sensors (optional extra)

DURABLE FEATURES

CONSTRUCTION

- Frame of powder coated mild steel (structured finish) or 304 grade brushed stainless steel
- 4.5mm 3Cr12 stainless steel base plate with heavy-duty rubberised floor
- Standard glazing of 6.38mm PVB laminated glass (bullet resistant glass available on request)
- Glass surrounds of anodised aluminium

DOOR COMPONENTS

- Heavy-duty transom hydraulic door closer
- Recessed 500kg monitored magnetic lock
- Mortice lock for night locking
- 304 grade brushed stainless steel pull handle

INDICATORS AND LIGHTING

- LED green and red indicator lights
- Low voltage ceiling downlighter

GUARANTEED MANUFACTURED TO LAST

- Zero maintenance
- 12 month guarantee

STAR QUALITIES

WELDED STEEL FRAME WITH ALUMINIUM AND GLASS INFILL

RECESSED 500KG MONITORED MAGNETIC LOCK

STAINLESS STEEL PULL HANDLE AND MORTICE LOCK

LED INDICATOR LIGHTS

TECHNICAL SPECIFICATIONS

POWER	220 Volt AC (110 Volt AC on request)
FREQUENCY	50Hz / 60Hz
POWER CONSUMPTION	• 40W- Single Man-Trap • 80W - Double Man-Trap
DIMENSIONS & WEIGHT	See overleaf
DESIGN	Modular bolt-together design for ease of transport and rapid installation. Components can pass through a standard door. Can be packed in broken-down form either onto a pallet or into a crate for transport. All glass is factory fitted into the steel and aluminium frames.
SYSTEMS INTEGRATION	• Integrates with all access control and time and attendance systems (controlled through a normally open dry contact) • Integral wireways – no exposed wires
FIRE ALARM	Fail-safe auto-unlock configuration
INSTALLATION REQUIREMENTS	• Free standing structure which can be installed into a new or existing shopfront • Fixing surface is to be level (tolerance +/- 5mm) • Fixed to existing floor by means of four countersunk anchor bolts (M12 x 90)

MANUFACTURING OPTIONS

CONTROLLER OPTIONS						
CBL01	Bi-directional **two reader locking** controller	Complete with	✓	Internal emergency pushbutton	✗	Presence sensors
CBL02	Bi-directional **two reader locking** controller	Complete with	✗	Internal emergency pushbutton	✓	Presence sensors
CBL03	Bi-directional **single reader locking** controller	Complete with	✓	Two external cycle start pushbuttons	✗	Presence sensors
CBL04	Bi-directional **single reader locking** controller	Complete with	✓	Two external cycle start pushbuttons	✓	Presence sensors
CBL05	Uni-directional **bank locking** controller					
CBL07	High security **bank locking** controller	Complete with	✓	Status control panel	✓	Presence sensors

DUAL OCCUPANCY	Infrared beam dual occupancy presence sensors (optional extra)
POWER OPTIONS	Battery backup (optional extra)
DOOR CLOSER OPTIONS	• Non-hold open door closer (factory standard) • Hold open door closer
ACCESSORY OPTIONS	• Card / proximity reader mounting brackets • Biometric / fingerprint reader mounting brackets • Single pushbutton mounted in frame of cubicle or in plastic box • Random search device
FINISH OPTIONS	• Mild steel with UV resistant polyester exterior powder coat finish (structured black) ★ • 304 grade brushed stainless steel • 316 grade brushed stainless steel ★ other structured colors available on request

Automatic door operation is available. See the MAN-TRAP Automatic Cubicle product brochure.
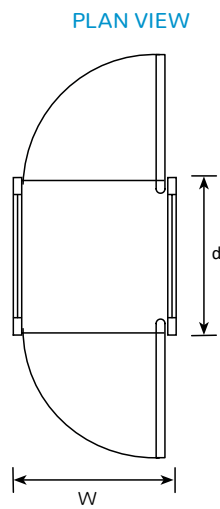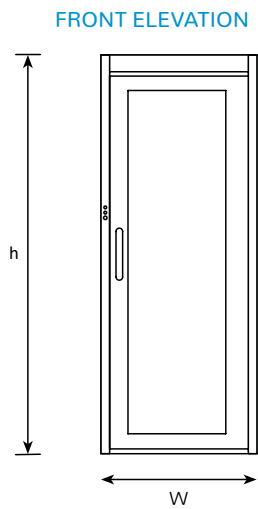

THE MULTIPLE OCCUPANCY PRESENCE SENSOR SYSTEM
The multiple occupancy presence system is a basic detection system incorporating a number of infrared beams installed along the sides of the product and utilising a simple algorithm to declare an entry valid or invalid.

The multiple occupancy system does not and cannot offer 100% validated access.

MAN-TRAP FULL HEIGHT CUBICLE RANGE

SINGLE

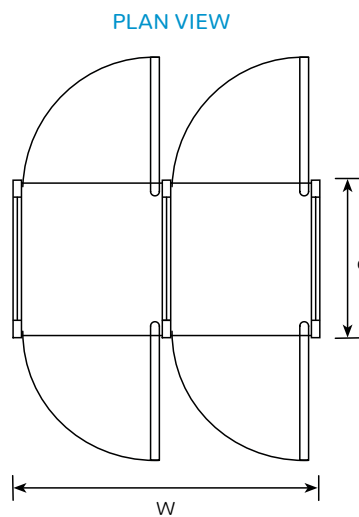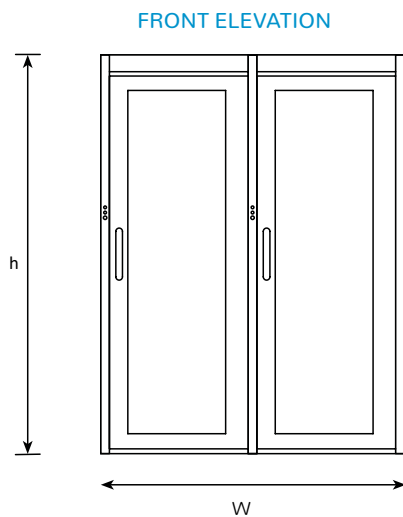FRONT ELEVATION

PLAN VIEW

SPECIFICATION FOR ARCHITECTS AND SPECIFIERS

MAN-TRAP manual security booth (CODE as per below table), of powder coated mild steel (structured black) / 304 grade brushed stainless steel, including CBL 01/2/3/4/5/6/7 controller, fixed to level floor by means of four M12 x 90 counter sunk anchor bolts.

Custom designs are available on request.

DOUBLE

FRONT ELEVATION

PLAN VIEW

MAN TRAP CUBICLE – MANUAL			inches	millimeters	pounds
Single		TSMT-SA	31.5w – 27.5d – 90.5h	800w – 700d – 2300h	617
		TSMT-SB	35.4w – 35.4d – 90.5h	900w – 900d – 2300h	684
		TSMT-SC	39.4w – 55.1d – 90.5h	1000w – 1400d – 2300h	926
Double		TSMT-DA	61.0w – 27.5d – 90.5h	1550w -700d – 2300h	1124
		TSMT-DB	68.9w – 35.4d – 90.5h	1750w-900d – 2300h	1213
		TSMT-DC	76.8w – 55.1d – 90.5h	1950w -1400d – 2300h	1609